



International Civil Aviation Organization

FOURTH MEETING OF THE COMMON REGIONAL VIRTUAL PRIVATE NETWORK TASK FORCE (VPN) OF APANPIRG (CRV TF/4)

Bangkok, Thailand, 18 – 19 May 2015

Agenda Item 2: Review tasks progress and issues

TASK 37-c MAKE USER REQUIREMENTS PROGRESS REPORT SINCE CRV TF-3

(Presented by Thailand)

SUMMARY

This paper presents the activities for Task 37-c make User Requirements since CRV TF-3 meeting.

1. Introduction

1.1 The CRV project has started in December 2013 to study the Common Regional Network in APAC, and, as directed by APANPIRG, implement it.

1.2 Following the project planning in CRVTFProject_rev11 Gantt chart, task 37-c make user Requirements is to gather user requirements from states for the CRV. The task leader is Thailand's representative. These requirements will be reviewed and transferred over to the expert by ICAO TCB for specification during the tender process. The target for task 37-c is for the user requirements to be completed by 22 May 2015.

2. Discussion

2.1 There were 3 teleconference meetings for the User Requirements from the CRV TF/3 to 7 May 2015 as follow:

Meeting	Date	Participants
User Requirement meeting #4	14 Jan. 15	15
User Requirement meeting #5	05 Mar 15	19
User requirements and Sealed Tender #6	07 May 15	12

2.2 The meetings members contributed the works to the draft user requirements and consequently, the user requirements are almost complete. The draft user requirements capture the desired CRV characteristic as well as services to be used on the CRV. The complete CRV user requirements will also include inputs from task 37-b Make Safety Preliminary Analysis which is the safety requirements extracted from the Preliminary System Safety Analysis (PSSA). The information

in the user requirements will be packaged into different parts of the tender process such as Terms and Conditions, Instructions to tenderers, Specification, Statement of Works, etc. The latest draft user requirements document is provided in **Attachment A**. The CRV safety preliminary analysis -v1.0 is in WP/13.

2.3 The requirements have been partially reviewed during the 7 May 2015 teleconference meeting. However the final review should be conducted because there are still works to be completed. The following work items have been identified during the last teleconference and should be included during the final review.

1. Link the existing requirement (below) to the information in the OSED and review this information.

Volumetry	T	I	The flow matrix between the Pioneer States as of March 2014 is as provided in Annex 2		Annex 2 - flow matrixes between States	Specification
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2. Do the mapping between services defined in CONOPS/OSED and link it to the following requirement on quality of service:

Network design and user's interface	T	R	QoS shall be implemented using guidance from IETF RFC 4594 <i>Configuration Guidelines for DiffServ Service Classes</i> . The routing protocol, voice, voice signalling, real-time interactive and standard data types shall all be given separate QoS bandwidth.		RFC 4594	Specification
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3. Integrate safety requirements from the Task 37-b Make Safety Preliminary Analysis.

4. Review all the requirements to ensure they are SMART.

5. Rename “ICD” to “IRS” and add a requirement that the Tenderers should provide a first draft of ICD complying with IRS, and that the Contractor should provide and maintain an ICD based on IRS as part of the change management process. (Already incorporated in latest draft user requirements document as provided in Attachment A)

6. Based on the CRV Participant Site schedule built for RFI, populate one Site Schedule for lot A and one site schedule for lot B.

7. Based on the mapping of services defined, populate excel “CRV services list”.

2.4 As stated earlier, the final review should be conducted and the best opportunity is during the CRV TF/4 / ACSICG/2 meeting. The proposed time is on Wednesday 20 May 2015 during the morning session. Once the review is complete, the user requirements will be packaged and submit to the expert from ICAO TCB for further work.

3. Action by the Meeting

3.1 The meeting is invited to:

- a) Note the progress of task 37-b make user requirements;
- b) discuss draft user requirements provided in Attachment A;
- c) discuss proposed final review process and time; and
- d) discuss any relevant matter as appropriate.
